

GENERAL INDEX TO VOLUME XI

New scientific names of plants and the final members of new combinations are printed in **bold face** type; synonyms and page numbers having reference to figures and plates, in *italics*; and previously published scientific names and all other matter, in ordinary type.

A

acerinus (*Aleurodiscus*), 40
Acidity, relation of, to growth of certain
 wood-destroying fungi, 43
Actinostroma, 1; *crassum*, 2
Agar culture solutions, 52
albido-carneum (*Asterostroma*), 29
albus (*Microstroma*), 27
Aleurodiscus acerinus, 40
americanorum (*Microstroma*), 27
ampla (*Auriculariopsis*), 10
ampla (*Cyphella*), 9
anomala (*Peziza*), 19
anomala (*Solenia*), 19
anomala var. *ochracea* (*Solenia*), 19
anomaloidea (*Solenia*), 19
applanatus (*Fomes* (*Ganoderma*)), 37
Armillaria mellea, growth of, in relation
 to H-ion concentration of media, 47
Asterostroma, 28; *albido-carneum*, 29;
 bicolor, 32; *cervicolor*, 28; *corticola*, 28;
 gracile, 34; *muscicolum*, 31; *ochro-*
 stroma, 34; *pallidum*, 29; *spiniferum*,
 33
Auriculariopsis, 9; *ampla*, 10

B

Beccariella, 1
bicolor (*Asterostroma*), 32
Burt, E. A. Some wood-destroying
 fungi of Java, 37; The *Thelephoraceae*
 of North America, XIII, 1

C

candida (*Solenia*), 14
Candolleana (*Cladoderma*), 2
Celluloses in nutrient solutions, 50
cervicolor (*Asterostroma*), 28
cervicolor (*Corticium*), 28
cinerea (*Solenia*), 22
Cladoderma, 1; *Candolleana*, 2; *crassa*, 2;
 dendritica, 2, 36; *floridana*, 4, 36;
 infundibuliformis, 3
conferta (*Solenia*), 17
confusa (*Solenia*), 19
corrugata (*Trametes*), 39

Corticium cervicolor, 28; *flocculentum*, 9;
 salicinum, 10
corticola (*Asterostroma*), 28
crassa (*Cladoderma*), 2
crassum (*Actinostroma*), 2
Craterellus marasmioides, 7; *pulver-*
 lentus, 7; *spathularius*, 8
Cymatella, 6; *minima*, 6, 36; *maras-*
 mioides, 7; *pulverulenta*, 7, 36
Cymaloderma, 1
Cynorrhynchium, 124
Cyphella ampla, 9; *endophila*, 25
Cytidia, 9; *flocculenta*, 9; *rutilans*, 10,
 36; *salicina*, 10; *tremellosa*, 12, 36

D

Daedalea (*Peziza*), 23
Daedalea confragosa, growth of, in re-
 lation to H-ion concentration of
 media, 47
dendritica (*Cladoderma*), 2, 36
Diplacus, 124, 326; *arachnoideus*, 328;
 aridus, 336; *aurantius*, 338; *calycinus*,
 331; *cardinalis*, 138; *Clevelandii*, 327;
 gluknosus, 338, var. *aurantiacus*, 338,
 var. *Godroni*, 349, var. *grandiflorus*,
 335, var. *latifolius*, 339, var. *puniceus*,
 342, var. *splendidus*, 349, var. *stel-*
 latus, 337, var. *Verschaffeltii*, 349;
 X *Godroni*, 349; *grandiflorus*, 335;
 latifolius, 338; *leptanthus*, 334, 335;
 linearis, 334; *longiflorus*, 328, 335;
 parviflorus, 344; *puniceus*, 344; *ru-*
 gosus, 350; *speciosus*, 328; X *splend-*
 idus, 349; *stellatus*, 337; X *Verschaf-*
 feltii, 349
Dodge, C. W., Zeller, S.M. and. *Leuco-*
 gaster and *Leucophleps* in North
 America, 389

E

elongatus (*Polystictus*), 37
Endogone Tozziana, 403
endophila (*Cyphella*), 25
endophila (*Solenia*), 25
Erythranthe, 124, 137; *cardinalis*, 138
Eumimulus, 126, 137

Eunanus, 268

Eunanus, 268; *angustatus*, 315; *angustifolius*, 298; *Austiniae*, 296; *bicolor*, 307; *Bigelovii*, 277; *Bolanderi*, 273; *brevipes*, 270; *Breweri*, 261; *clivicola*, 297; *Congdonii*, 311; *Coulteri*, 313; *Cusickii*, 282; *Douglasii*, 319, 321, var. *parviflorus*, 311; *Fremontii*, 283, 289; *Kelloggii*, 318, var. *parviflorus*, 311; *latifolius*, 310; *Layneae*, 291; *leptaleus*, 304; *mephiticus*, 300; *mohavensis*, 308; *nanus*, 295, *α pluriflorus*, 294; *Parryi*, 276; *pictus*, 324; *pulchellus*, 316; *Ratanii*, 289; *subsecundus*, 285; *subuniflorus*, 321; *Tolmei*, 294; *Torreyi*, 289; *tricolor*, 313

F

fasciculata (Solenia), 15

filicina (Solenia), 18

Filter-paper solutions, 51

flocculenta (Cytidia), 9

flocculenta (*Thelephora*), 9

flocculentum (*Corricium*), 9

floridana (Cladoderis), 4, 36

foetidus (*Hypolyssus*), 5

Fomes (*Ganoderma*) *applanatus*, 37; *elongatus*, 37; *Korthalsii*, 37; *pectinatus*, 37; *velutinosus*, 37

Fungi: growth of certain wood-destroying, in relation to the H-ion concentration of the media, 431; some wood-destroying, of Java, 37; studies in the physiology of the, XVII, 43

G

gracile (*Asterostroma*), 34

gracilis (Solenia), 26

gracilis (Solenia), 15

Grant, Adele Lewis, A monograph of the genus *Mimulus*, 99

H

Harris, J. Arthur. Variation and correlation in the inflorescence of *Manfreda virginica*, 411

Heterochaete tenuicula, 40

Hydnaceae, 39

Hydnangium liospermum, 407; *nudum*, 404

Hydnum obrutans, 39, 42

Hydrogen-ion concentration of the media, growth of certain wood-destroying fungi in relation to the, 43

Hymenochaete muscicola, 31; *nigricans*, 40

Hymenogaster anomalus, 399

Hypolyssus, 4; *foetidus*, 5; *Montagnei*, 5, 36

I

infundibuliformis (Cladoderis), 3

ingainicola (*Microstroma*), 27

J

Java, some wood-destroying fungi of, 37

javanensis (*Protomerulius*), 41, 42

Jefferson Barracks, Mo., type and variation of *Manfreda virginica* at, 415

Juglandis (*Microstroma*), 27

K

Korthalsii (*Fomes*), 37

L

Lenzites sepiaria, growth of, in relation to the H-ion concentration of the media, 47

Leucogaster and *Leucophleps* in North America, 389

Leucogaster, 389; *sp.*, 403; *anomalus*, 399, 410; *araneosus*, 399, 410; *badius*, 400, 410; *Bucholtzii*, 404; *citrinus*, 398, 410; *floccosus*, 402, 410; *foveolatus*, 397, 410; *fragrans*, 403; *fulvumaculosus*, 401, 410; *liosporus*, 402; *luteo-maculatus*, 394, 410; *nudus*, 404; *odoratus*, 396, 410; *rubescens*, 395, 410; *Tozziana*, 403, 410

Leucophleps, 405; *gibbosum*, 397; *candida*, 407, 410; *magnata*, 406, 410

Leucophleps, 389; *citrina*, 398; *foveolata*, 397; *odorata*, 396

leucosporum (*Microstroma*), 27

Lomatia, 9; *salicina*, 10

M

marasmioides (*Craterellus*), 7

marasmioides (*Cymatella*), 7

Manfreda virginica, variation and correlation in the inflorescence of, 411

Matruchotia, 26; *varians*, 26

Media: growth of certain wood-destroying fungi in relation to the H-ion concentration of the, 43, 48; peptone-nutrient solution with sugar, 48, without sugar, 48; Richards' E solution, 48

medulla-panis (*Poria*), 38

Meramec Highlands, Mo., type and variation of *Manfreda virginica* at, 415

- Microstroma*, 26; *albus*, 27; *americanorum*, 27; *ingainicola*, 27; *Juglandis*, 27; *leucosporum*, 27
Mimulastrum, 308
Mimulus, a monograph of the, 99
Mimulus, 124; *acaulis*, 151; *acutangulus*, 127; *acutidens*, 202; *acutidens*, 186, 203; *alatus*, 131; *alatus f. albiflorus*, 132; *albus*, 345; *Alecterolophus*, 350; *alpinus*, 154; *alsinoides*, 232, var. *minimus*, 233; *alsinoides* β *paniculatus*, 232; *ampliatus*, 214; *andicolus*, 188; *androsaceus*, 253; *angustatus*, 315; *angustatus*, 316; *angustifolius*, 298; *angustifolius*, 135; *arenarius*, 215, 334; *aridus*, 336; *arvensis*, 174; *asamicus*, 206; *atropurpureus*, 321; *aurantiacus*, 338; *aurantiacus*, 146; *Austinae*, 296; *Bakeri*, 177; *barbatus*, 260; \times *Bartonianus*, 347; *bicolor*, 247, 388; *Bigelovii*, 277, var. *cuspidatus*, 279; *Bigelovii* var. *ovatus*, 282; *Bioletti*, 249; *Bodinieri*, 208; *Bolanderi*, 273, var. *brachydontus*, 275; *breviflorus*, 200; *brevipes*, 270; *brevipes*, 273; *Breweri*, 261, 386; *Bridgesii*, 210, var. *integrifolia*, 211, var. *stolonifera*, 211; *coespitosus*, 154; *cardinalis*, 138; *cardinalis*, 242, var. *exsul*, 138, var. *griseus*, 138, var. *rigens*, 138; *Clarkii*, 315; *clementinus*, 159; *Clevelandii*, 327; *clivicola*, 297; *coccineus*, 302; *Colensoi*, 197; *Congdonii*, 311; *Congdonii*, 317; *corallinus*, 155; *cordatus*, 177; \times *cornation*, 347; *Coulteri* var. *angustatus*, 315; *crinitus*, 186; *Crista-galli*, 350; *cupreus*, 150; *Cusickii*, 281; *cuspidatus*, 177; *debilis*, 137; *decurtatus*, 288; *deflexus*, 260; *deltoideus*, 216; *densus*, 298; *dentatus*, 209; *dentatus* var. *gracilis*, 226; *dentilobus*, 185; *depressus*, 186, var. *nanus*, 187; *depressus* var. *acaulis*, 151, var. *Pissisii*, 346; *diffusus*, 254, 378; *discolor*, 257; *Douglasii*, 320; *Douglasii*, 318; *Dudleyi*, 235, 376; \times *duplex*, 347; *Eastwoodiae*, 242; *Eisneri*, 183; \times *Elphinstonea*, 347; *equinus*, 159; *erosus*, 177; *exiguus*, 256; *exilis*, 350; *flicaulis*, 251; *floribundus*, 216, var. *geniculatus*, 220, var. *membranaceus*, 221, var. *subulatus*, 222; *floribundus* β *minor*, 216; *formosana*, 206; \times *Forsythiana*, 347; *Fremontii*, 283; *geniculatus*, 220; *Geyerii*, 190; *glabratus*, 188, var. *Fremontii*, 190, var. *parviflorus*, 194; *glabratus* var. *ascendens*, 158, var. *Jamesii*, 191; *glandulosus*, 345; *glareosus*, 177; *glaucescens*, 175; *glutinosus*, 338, var. *brachypus*, 328, var. *linearis*, 334, var. *pumiceus*, 342; *gracilipes*, 252; *gracilis*, 134; *grandis*, 159; *grandiflorus*, 159; *gratioloides*, 266; *Grayi*, 203, 380; *guttatus*, 157, var. *arvensis*, 174, var. *decorus*, 173, var. *depauperatus*, 170, var. *Hallii*, 172, var. *puberulus*, 170; *guttatus*, 148, var. *grandis*, 158, var. *insignis*, 181; *Hallii*, 172; \times *Harrisonia*, 347; *hirsutus*, 159, 350; \times *hybridus*, 348; *implexus*, 151, 155; *implicatus*, 151; *inamoenus*, 191; *inconspicuus*, 204; *inconspicuus* var. *acutidens*, 202, var. *latidens*, 201; *inodorus*, 230; *Jamesii*, 190, var. *Fremontii*, 190, var. *texensis*, 188; *javanicus*, 350; *Jepsonii*, 306; *Johnstonii*, 280; *jungermanniioides*, 222; *Kelloggii*, 318, 388; *Kingii*, 194; *laciniatus*, 183; *lanatus*, 345; *Langsdorffii*, 158, 177, var. *alpinus*, 151, var. *argutus*, 158, var. *arvensis*, 174, var. *californicum*, 159, var. *grandis*, 159, var. *guttatus*, 159, var. *insignis*, 181, var. *microphyllus*, 171, var. *minor*, 151, var. *nasutus*, 177, var. *platyphyllus*, 158, var. *Tilingi*, 155; *latifolius*, 310; *latidens*, 201; *Layneae*, 291, 386; *Leibergii*, 231, 380; *leptaleus*, 304; *leptanthus*, 335; *Lewisii*, 236, 384; *Lewisii* var. *alba*, 237, var. *exsertus*, 237, var. *tetonensis*, 237, f. *tetonensis*, 237; *linearis*, 136, var. *lutea*, 137; *linearis*, 334; *longiflorus*, 328, 388, var. *calycinus*, 331, var. *linearis*, 334, \times *pumiceus*, 332, var. *rutilus*, 333; *longipes*, 211; *longulus*, 171; *lucens*, 155; *lugens*, 142; *luteus*, 146, var. *alpinus*, 149, \times var. *calycanthemus*, 348, var. *nummularis*, 149, \times var. *pardinus*, 348, var. *riverularis*, 148, var. *variegatus*, 148, \times var. *Wilsoni*, 348, var. *Youngana*, 148; *luteus*, 158, 177, var. *alpinus*, 151, 154, var. *aurantiacus*, 146, var. *cuprea*, 150, var. *depauperatus*, 170, 177, var. *gracilis*, 158, subvar. *macrophyllus*, 146, var. *micranthus*, 194; *lyratus*, 158; \times *Macleanianus*, 348; \times *maculatus*, 348; \times *maculosus*, 348; *madagascariensis*, 136; *madrensis*, 191; *marmoratus*, 174; *membranaceus*, 221; *mephiticus*, 300; *micranthus*, 182; *microphyllus*, 170; *minor*, 151; *minthodes*, 131; *minusculus*, 177; *modestus*, 317; *mohavensis*, 308; *moniliformis*, 226; *montioides*, 258; *montioides*, 264; *moschatus*, 223, var. *longiflorus*, 226, 386, var. *sessilifolius*, 229; *moschatus*, 226, var. *pallidiflorus*, 226; *nanus*, 294; *nanus*, 187, var. *bicolor*, 307, α *pluriflorus*, 294, β *subuniflorus*, 321; *nasutus*, 177, 388, var. *insignis*, 181, var. *micranthus*, 182; *Nelsonii*, 144; ne-

palensis, 206, var. japonica, 207, var. **procerus**, 207, 374; *nepalensis* f. *japonica*, 207; Neubertii, 346; *nevadensis*, 243; nudatus, 176; *nummularis*, 149; *ocellatus*, 148; *orbicularis*, 198; *orizabae*, 346; **pachystylus**, 234; pallens, 185; *pallidus*, 127; Palmeri, 250; Palmeri var. *androsaceus*, 253; *paniculatus*, 159; Parishii, 235; *Parishii*, 177; Parryi, 276; **parviflorus**, 344; *parviflorus*, 194, β *Bridgesii*, 210; *parvulus*, 185; *pendularis*, 213, 216; *perfoliatus*, 350; pictus, 324; *Pikingi*, 151; *pilosellus*, 243; *pilosiusculus*, 187; *pilosus*, 350; Pissisi, 346; *Prattenii*, 247; *priono-phyllus*, 159; *primuloides*, 242, 384, var. **linearifolius**, 246; *primuloides* var. *pilosellus*, 243; *propinquus*, 194; *prostratus*, 199; *pteropus*, 346; *puberulus*, 170, 177; *pubescens*, 216; *pulchellus*, 316; *Pulsiferae*, 211, 388; punctatus, 346; *puncticalyx*, 171; puniceus, 342; **purpureus**, 255, 378, var. **pauzillus**, 255; pusillus, 199; *pusillus*, 135; **pygmaeus**, 312; *quinqvulnerus*, 346; *radicans*, 350; Ratani, 288; *reniformis*, 191; *repens*, 197; *ringens*, 127, var. **minthodes**, 131; *ringens* var. *congesta*, 127, f. *Peckii*, 128; *rivularis*, 158; *Roezlii*, 151; *roseus*, 237, var. *glabrior*, 237, var. *Maclainianus*, 348; *rubellus*, 266; *rubellus*, 259, 261, var. *latiflorus*, 259; \times *rubiginosus*, 348; *rupestris*, 142; \times *sanguineus*, 348; *saxorum*, 350; *Scouleri*, 158, var. *caespitosus*, 154; *serotinus*, 216; *sessilifolius*, 208; \times *Seymouriana*, 349; \times *Smithii*, 349; *Smithii*, 149; **spissus**, 277, 382; **stamineus**, 302; **stellatus**, 337; *striatus*, 135; *strictus*, 134; *subreniformis*, 177; *subsecundus*, 285, 388, var. **constrictus**, 287, var. **viscidus**, 286; *subuniflorus*, 321; *Sukadorfii*, 264; *sylvaticus*, 187; *tenellus*, 171, 206; *tener*, 188; *thermalis*, 171; \times *tigridioides*, 349; *Tilingi*, 151, var. **caespitosus**, 154, var. **corallinus**, 155; *Torreyi*, 289; *Traskiae*, 323; **Tre-leasel**, 325, 374; *tricolor*, 313; *tricolor* var. *angustatus*, 315; *Uvedakiae*, 136; *variegatus*, 148; *verbenaceus*, 142; *veronicifolius*, 155; *violaceus*, 350; *viscidus*, 286; *viscosus*, 338; *washingtonensis*, 213; **Whipplei**, 184; *Whitneyi*, 307; \times *Youngii*, 349

minima (Cymatella), 6, 36

Monavia, 124

Montagnei (Hypolyasus), 5, 36

musciola (Hymenochaete), 31

musculum (Asterostroma), 31

N

nigricans (Hymenochaete), 40
nigricans (Protocoronospora), 27
nothopus (Polystictus), 38, 42
notopus (Polyporus), 38

O

obrutans (Hydnum), 39, 42
obscurans (Stereum), 39, 42
ochracea (Solenia), 19
ochrostroma (Asterostroma), 34
Octaviania liosperma, 407; (*Gautieria?*)
pityophila, 402; *silesiaca*, 402
Oenoe, 309

P

pallidum (Asterostroma), 29
Paradanthus, 195
pectinatus (Fomes), 37
Peptone-nutrient solution, 49
Persoonii (Polystictus), 39
Peziza anomala, 19; *Daedalea*, 23; *poriaeformis*, 23; *pruinata*, 23; *stipata*, 19; *tephrosia*, 23
Pholiota adiposa, growth of, in relation to the H-ion concentration of the media, 47
Pleurotus ostreatus, growth of, in relation to H-ion concentration of the media, 47
Polyporaceae, 37
polyporoidea (Solenia), 16
Polyporus adustus, growth of, in relation to H-ion concentration of the media, 47
Polyporus notopus, 38
Polystictus elongatus, 37; *nothopus*, 38, 42; *Persoonii*, 39; *spadiceus*, 38; *versicolor*, growth of, in relation to H-ion concentration of the media, 47
Poria medulla-panis, 38, sp., 39
poriaeformis (*Peziza*), 23
poriaeformis (Solenia), 23
poriaeformis (Solenia), 23
Protocoronospora, 27; *nigricans*, 27
Protomerulius javensis, 41, 42
pruinata (*Peziza*), 23
Pseudoenoe, 323
pubescens (Stereum), 10
pulverulenta (Cymatella), 7, 36
pulverulentus (Craterellus), 7

R

Richards' E solution, 48
rutilans (Cytidia), 10

S

- salicina* (Cytidia), 10
salicina (Lomatia), 10
salicina (Thelephora), 10
salicinum (Corticium), 10
 Schizoplacus, 268
 Schizophyllum commune, growth of, in relation to the H-ion concentration of the media, 47
 Simiolus, 145, 195
 Skepperia, 8; spathularia, 8, 36
 Solenia, 13; anomala, 19; anomala var. ochracea, 19; anomaloides, 19; candida, 14; cinerea, 22; conferta, 17; confusa, 19; endophila, 25; fasciculata, 15; filicina, 18; gracilis, 26; gracilis, 15; ochracea, 19; polyporoidea, 16; poriaeformis, 23; poriaeformis, 23; subporiaeformis, 24; sulphurea, 18; villosa, 26; villosa, 18, var. polyporoidea, 16
 spadiceus (Polystictus), 38
 spathularia (Skepperia), 8, 36
 spathularius (Craterellus), 8
 spiniferum (Asterostroma), 33
 Stereum obscurans, 39, 42; pubescens, 10
 stipata (Peziza), 19
 subporiaeformis (Solenia), 24
 sulphurea (Solenia), 18
 Synplacus, 126

T

- Temperature, relation of, to growth of wood-destroying fungi, 90
 tenuicula (Heterochaete), 40

- tephrosia (Peziza), 23
 Thelephora flocculenta, 9; salicina, 10
 Thelephoraceae of North America, XIII, 1
 Trametes corrugata, 39
 tremellosa (Cytidia), 12, 36
 Tropanthus, 324

U

- Uvedalia, 124; linearis, 136

V

- varians (Matruchotia), 26
 Variation and correlation in the inflorescence of Manfreda virginica, 411
 velutinosus (Fomes), 37
 villosa (Solenia), 26
 villosa (Solenia), 18, var. polyporoidea, 16

W

- Wolpert, F. S. Studies in the physiology of the fungi, XVII. The growth of certain wood-destroying fungi in relation to the H-ion concentration of the media, 43

Z

- Zeller, S. M., and Dodge, C. W. Leucogaster and Leucophlebs in North America, 389